



Puget Sound Air Pollution Control Agency
110 Union Street, Suite 500,
Seattle, WA 98101-2038

FAX

Date: November 7, 1995

To: Longview Fibre

From: Fred Austin

Attention: Sonny Bivins

Phone: 206-689-4055

FAX Number: (206) 768-3609

FAX: 206-343-7522

1 -- Attached are the emissions as presented to the Agency in your two Table 4's. Also attached is a copy of the conditions that will be on the permit. Please check with your boiler folks to see if these numbers can be guaranteed.

2 -- I need to estimate the increase or decrease of emissions when you go from the old to the new boiler. Could you provide your estimate of the emissions of the old boiler.

3 -- Finally, if there is a net increase above the amount in the attached table we will need to publish. I don't think there will be a net increase because it will probably be a net decrease.

Number of pages including cover page: 4

USEPA SF

1256803

LFC000960

RECOMMENDATION OF REVIEWING ENGINEER

Company Longview Fibre Co
 Source Boiler

Assigned to FLA/SMU
 Date Assigned 10/13/95

N/C # 626
 Rec'd 10/12/95

Heretby Recommended: Approval ☐
 Conditional Approval ☒
 Disapproval ☐

RACT/LAER Analysis:

NG Boiler
 25 MMBtu/hr
 w/ diesel

Circle All Applicable:

| | | | |
|------------|--------|-------------|-----------|
| NEPS | PSD | CEM | Officer |
| NEHRAPS | E/O/M | Publish | Class I |
| Visibility | Model | Monitor | Screening |
| Analysis | Req'd | Req'd | Req'd |
| Records | Report | Source Test | |

Lead Agency: PSAPCA

Other

Source Located In: TSP-AA TSP-NAA
 Ozone-AA Ozone-NAA SO₂-AA SO₂-U

Emission Calculations:

| | NG | | No2 Oil | | TPY (8760 hr) | |
|------------------|-------|----------|---------|----------|---------------|------|
| | lb/hr | lb/MMBtu | lb/hr | lb/MMBtu | NG | Oil |
| NO _x | 879 | 0.035 | 4655 | 0.186 | 3.9 | 20.4 |
| CO | 9164 | 0.037 | 1.757 | 0.070 | 4.0 | 7.70 |
| SO _x | .025 | 0.0010 | 12.930 | 0.517 | 0.11 | 56.6 |
| VOC | .402 | 0.016 | 0.753 | 0.030 | 1.76 | 3.30 |
| PM ₁₀ | .251 | 0.010 | 0.626 | 0.025 | 1.10 | 2.74 |

Specific Conditions:

Replacement of old boiler
 1954 14.7 MMBtu/hr

Emission Summary

Emission: Increase + Decrease - No Change (blank)

| Pollutant | Part | SO ₂ | NO _x | CO |
|-----------|------|-----------------|-----------------|----|
| Tons/Year | | | | |
| RACT Met | | | | |
| AQ Stds. | | | | |

Review by Paul D. T.
 Approval _____
 Approval _____

Date 10/19/95
 Date _____
 Date _____

REGULATION I SECTION 6.06 PUBLIC NOTICE

Adopted 11/21/74 (285)

Revised 03/13/80 (461), 04/14/94 (784)

- (a) The Agency shall provide public notice for any proposed Order of Approval if:

- (1) The proposed installation or modification would increase the emissions of any air contaminant by more than the following:

| Air Contaminant | Tons/Year |
|----------------------------|-----------|
| Carbon Monoxide..... | 100.0 |
| VOC..... | 40.0 |
| Nitrogen Oxides | 40.0 |
| PM10 | 15.0 |
| Sulfur Dioxide | 40.0 |
| Lead | 0.6 |
| Fluorides..... | 3.0 |
| Sulfuric Acid | 7.0 |
| Total Reduced Sulfur | 10.0 |

- (2) The applicant requests a limit on the potential to emit;
- (3) The applicant requests to bank emission reduction credits;
- (4) The applicant requests approval of a risk analysis;
- (5) The proposed installation or modification involves refuse burning equipment; or
- (6) The Control Officer determines that there may be substantial public interest in the proposal.
- (b) Public notice shall be published in a newspaper of general circulation in the area of the proposed project and shall include the following:
- (1) The name and address of the owner or operator and the facility;
- (2) A brief description of the proposal;
- (3) The locations at which copies of the preliminary determination and a summary of information considered in making such preliminary determination are available for public inspection;
- (4) The deadline for submitting written comment; and
- (5) That a public hearing may be held if the Agency determines within a 30-day period that significant public interest exists.
- (c) Notice shall also be sent to the U.S. Environmental Protection Agency Regional Administrator.
- (d) The cost of providing public notice shall be borne by the applicant.
- (e) The Agency shall not make a final decision on any application until the public comment period has ended and any comments received have been considered. Unless a public hearing is held, the public comment period shall be the 30-day period for written comment published as provided above. If a public hearing is held, the public comment period shall extend through the hearing date.
- (f) The applicant, any interested governmental entity, any group, or any person may request a public hearing within the 30-day period published as provided above. Any such request shall indicate the interest of the entity filing it and why a hearing is warranted. The Agency may, at its discretion, hold a public hearing if it determines significant public interest exists. Any such hearing shall be held upon such notice and at a time and place as the Agency deems reasonable. The Agency shall provide at least 30 days prior notice of any hearing.

Notices of Construction Special Conditions:

6128 One Natural Gas/ No. 2 Oil Fired Cleaver-Brooks Boiler rated at 25.1 MMBtu/hr

4. Longview Fibre Co. (LFC) is subject to requirements of 40 CFR 60 Subpart Dc and shall notify EPA of the installation.

5. LFC shall operate these boilers using No. 2 oil with no more than 0.05% sulfur.

6. Within 180 days of starting up the boilers, SMH shall perform a compliance test according to Regulation I, Section 3.07, to demonstrate compliance with the NOx and CO limits in Condition No. 7.

7. The emissions of each boiler shall not exceed any of the following:

NOx = 0.05 and CO = 0.15 lb/MMBtu one-hour average on natural gas
and NOx = 0.20 and CO = 0.10 one-hour average on #2 oil
using EPA Methods 7 and 10 respectively.

8. It shall be unlawful for LFC cause or allow the emission of any air contaminant from each of these boilers which exceeds 10% opacity according to EPA Method 9.

NOTE: Because of the potential amount of SO2 (on oil) there may very well be some kind of a limit to hold the potential emissions below the 40 ton/yr cut off.